

JANUARY 1988

**The drug industry:
Harder going**☐

As more drugs come off patent, what's a drug outfit to do? Here **The Economist** poses the problem. Next month we'll look to biotechnology for the solution.

A night at the Forum☐

The MIT Enterprise Forum helps small businesses across the country start and grow. **Merrill** explains how it's done.

Prince Serendip at work☐

Do you want to know how major innovations *really* start? Try this behind-the-scenes look at R&D by **Hannan, Roy, and Christman**.

The biochemistry of stress☐

Out of control, stress is deadly. **Meszaros's** theory of *why* invites criticism.

Innovation in food packaging☐

Those who haven't noticed the impact wrought by barrier resins and other plastics-processing developments will find **Lantos's** exposition fascinating.

The Innovators

The process disclosed in the CHEMTECH paper that won the 1976 Leo Friend Award has come on stream in New Zealand. These three articles trace the Mobil methanol-to-gasoline project from inception through building the plant and commissioning it.

Catalysis research bears fruit☐

S. L. Meisel, *Former Vice-President, Research and Development, Mobil Corporation*

A project overview☐

C. J. Maiden, *Former Chairman, New Zealand Synthetic Fuels Corporation*

From concept to concrete☐

J. Z. Bem, *Project Manager, Bechtel National, Inc.*

**Know what's inside your tennis
ball?**☐

Here's how some good chemical thinking keeps tennis balls from going soft. **Reed and Thomas** show how it all came about.

**Thermoplastic elastomers:
Plastics or rubbers?**☐

For your consideration, a fine example of how a new class of material makes markets. **Rader** provides the details.

Making powders☐

Think of the solids equivalent of viscosity or pour point. How you adjust it is related by **Ring**.

1 The Industrial Chymist

☐ in which **Luberoff** goes back to college... a black college.

2 Write On

☐ in which we're asked who should benefit from patents on university work funded by the government.

2 P.S.

☐ in which there's more on the Broken Quill Award and on SDI.

4 Heart Cut

☐ in which are idea-generators picked by **Ailin-Pyzik, Kreps, Piccolini, and Thyagarajan**.

8**View from the Top**

☐ in which **Wei** tells us who's who in the chemicals enterprise.

30**TECHGRAMJapan**☐**OBC****The Last Word**

☐ in which **Tysoe** tells us about blue potatoes and other colorful stuff—*ad nauseum*.

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CHTEDD

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CHEMTECH

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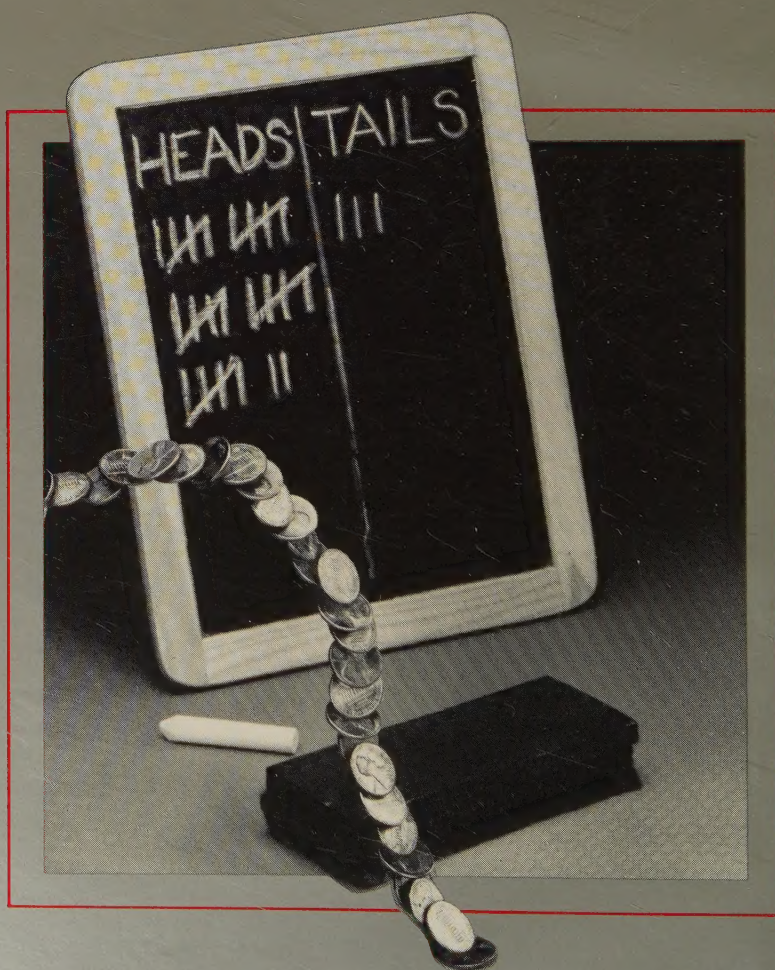
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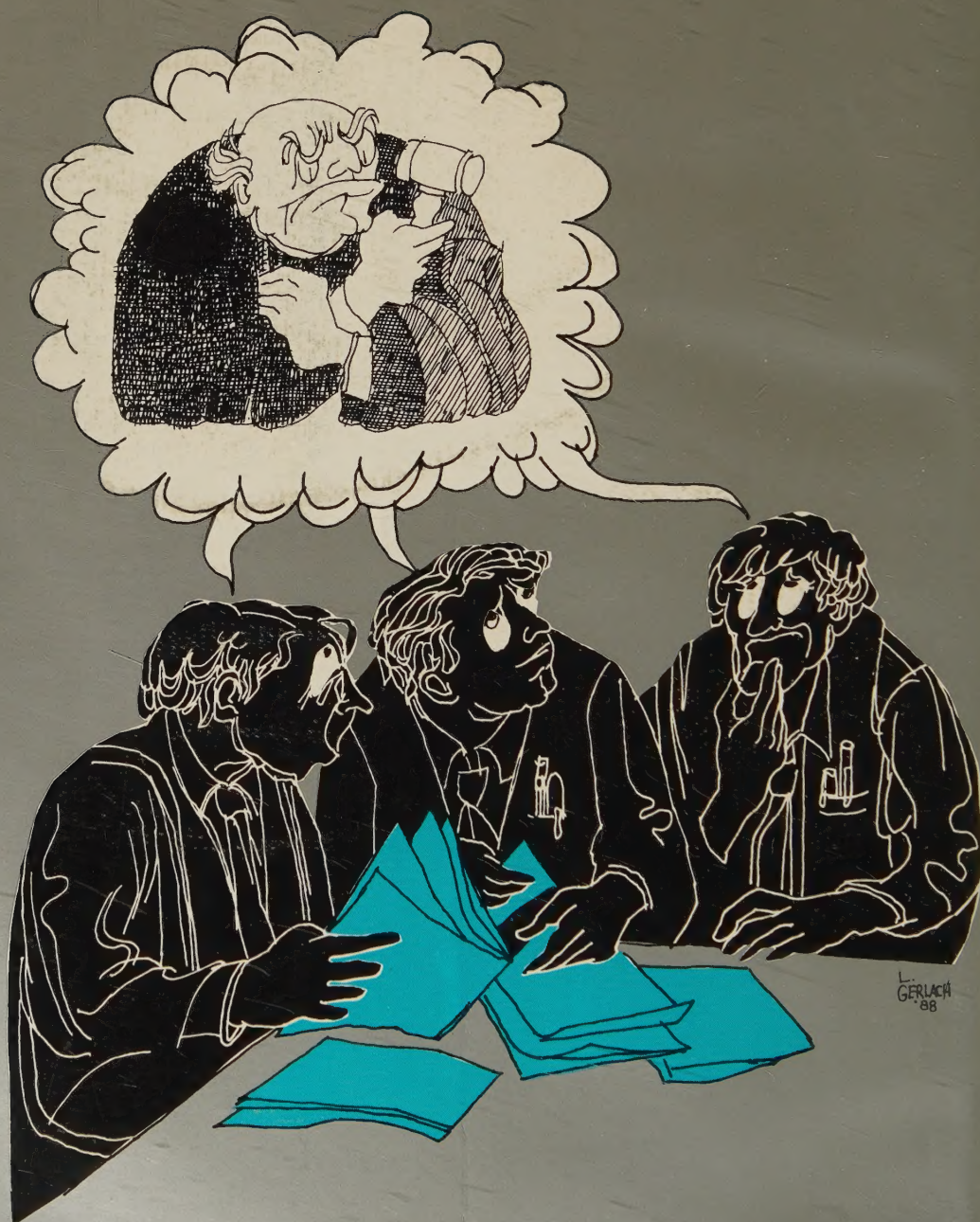
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CHEMTECH

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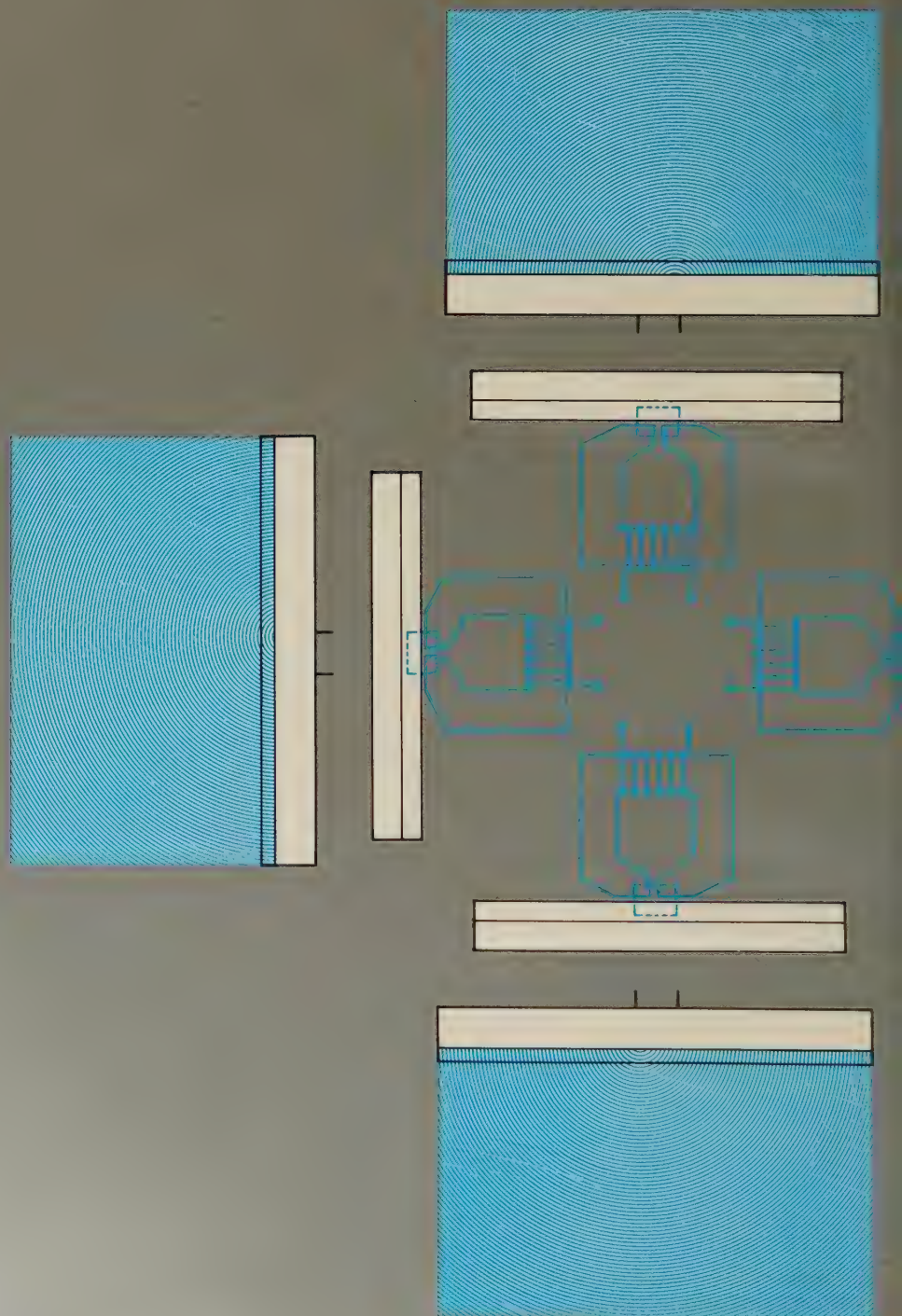
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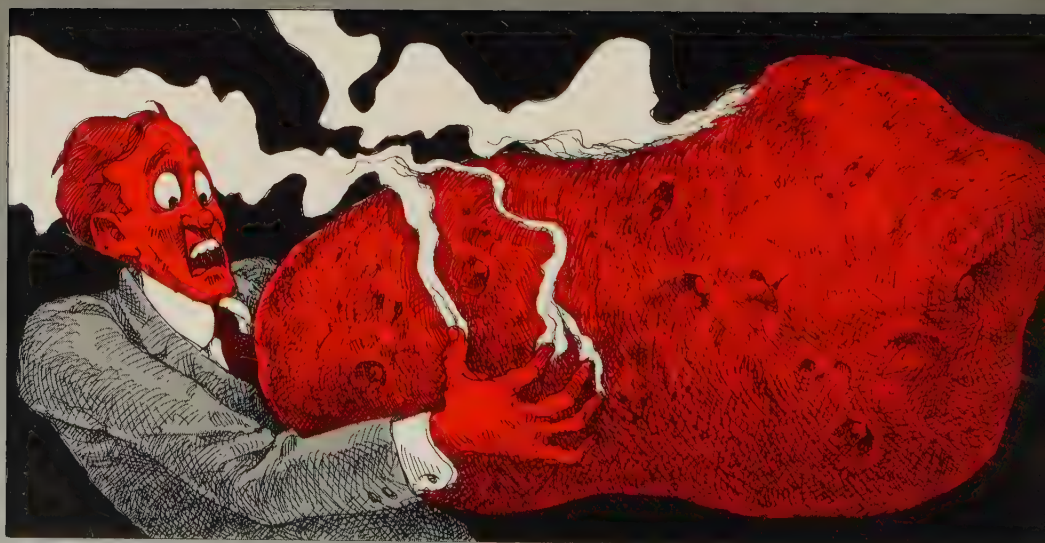
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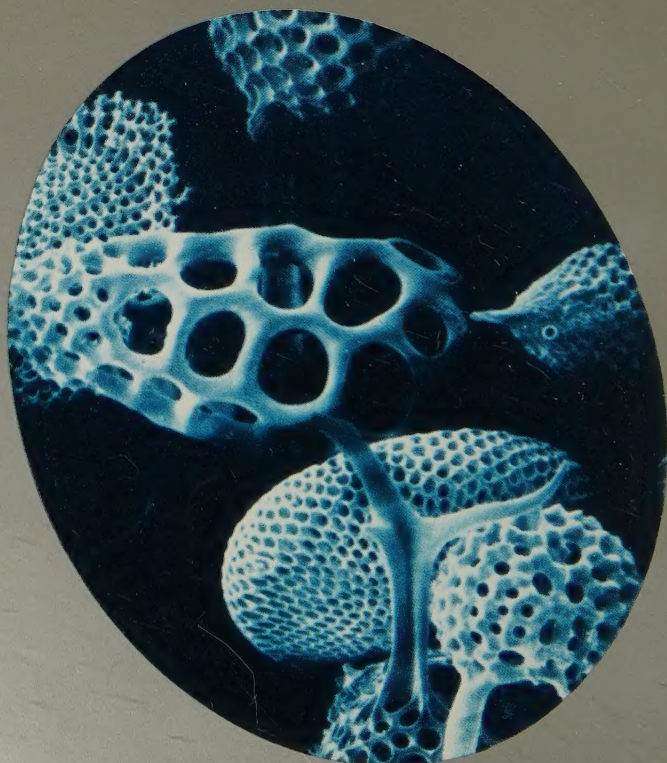
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